DUPLICATE

TWENTY-NINTH ANNUAL CATALOGUE

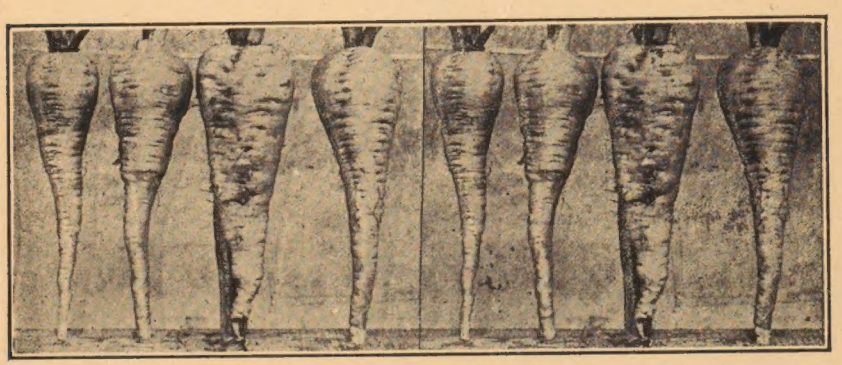
SEEDS

1914

A. G. TILLINGHAST
Puget Sound Seed Gardens, La Conner, Wash.

THE EARLIEST ROUND HEADED CABBAGE
A New Kind from Denmark. (See page 10).

The New Mangel, "SLUDSTRUP," from Denmark. Large, Solid and Sweet.
(See page 9.)



Large, Sweet, Smooth PARSNIPS.
The kind of stock roots we use for growing our PARSNIP SEEDS.
(See page 18.)

ur Seeds Speak For Themselves.

Read These New, Unsolicited Volunteer Testimonials.

We always have to fall back on your seeds to meet with success in our garden.—Mrs. L. R. Williams, VanZandt, Whatcom Co., Wash.

We have gotten our vegetable seeds from you for over 20 years and find them very full packages of the very best seed.—Mrs. Jacob Wingert, Harstine Island, Mason Co., Wash.

I have used your seeds for several years. They give splendid satisfaction.—Geo. H. Whipple, Everson, Whatcom Co., Wash.

Last year I bought a package of PARSNIP seeds from you, which seeded a row 90 feet long. Thinned them 6 inches apart, and they yielded me 250 pounds; one measuring 23 inches around, and 29 inches long, with only ordinary cultivation.—H. J. Wright, Center, Jefferson Co., Wash.

The ASPARAGUS roots I had from you three years ago gave first class satisfaction.—Edward Inions, Snohomish, Wash.

Last year I raised from your seed: CUCUMBERS, 16 inches long; PARSNIPS, 18 inches in diameter, and up to 4 feet long. All on shot clay soil.—A Satisfied Customer, Olympia, Wash.

I am afraid to trust planting seeds we get at the store, so I send to A. G. Tillinghast for seeds every time. I have been his customer for 7 or 8 years, and never fail to get seeds that will grow.—Mrs. B. Batchelder, Battleground, Clarke Co., Wash.

I have used your seeds for over 10 years, and always found them satisfactory.—J. L. Bockover, Humptulips, Chehalis Co., Wash.

Could not get along in the garden without your seeds.—W. H. Gell, Cathlamet, Wahkiakum Co., Wash.

I can truly say that your garden seed is the best I have ever used.—Mrs. C. W. Lewis, Randel, Lewis Co., Wash.

I prefer your seeds to all others, as we have always found them reliable.—Mrs. O. T. Loos, Deer Harbor, San Juan Co., Wash.

Your seed always does well in this climate.—Mrs. J. F. Helgrath, Lynden, Whatcom Co., Wash.

I congratulate you on your great success. Wishing you further prosperity is the wish of your old customer.—C. J. Schneider, Clallam Bay, Clallam Co., Wash.

You sent me two catalogues, so I sent one to a neighbor who was much pleased with it. Your seeds are splendid.—Mrs. G. F. Cousland, Kirkland, King Co., Wash.

Have always had success with your seeds, I always recommend them to everybody.—W. W. Loveless, Ozette, Clallam Co., Wash.

We have always found your seeds "The Best."—F. J. McDonald, Lakeside, Chelan Co., Wash.

I have used your seeds for many years, the best I have ever used.—P. W. Wyatt, Riffe, Lewis Co., Wash.

Your seeds have proven the best I have ever used. I shall continue to use them.—H. E. Hendricks, Everett, Wash.

Your seeds are excellent. I have obtained several orders for you.—Mr. Kimball, Chelan, Wash.

We like your seeds fine. They cannot be beaten.—W. G. Helfrich, Ever Whatcom Co., Wash.

I have been using your seed for 18 years, and have found them satisfactor As long as I raise a garden, I will continue to buy my seeds from A. G. Tilling hast.—P. M. Wright, Chimacum, Jefferson Co., Wash.

I have used your seeds for over TWENTY-THREE years, and in all these years, I have not found your seeds to fail me once.—Jacob Jacobson, Alpha, Lewis Co., Wash.

I remember how reliable your seeds used to be, when we used them on the farm. So I want some now, as soon as possible.—Mrs. Ivah Deering, Seattle, Wash.

I grew two and one-half sacks Yellow Danvers Onions on patch of ground fifteen feet square, last year.—C. E. Johnson, Port Crescent, Wash.

We raised a fine garden last year from your seed.—M. H. Dye, Olympia, Wash.

Will not plant much garden this year, but that little must be the product of your reliable seeds.—C. D. Doncaster, Centralia, Wash.

We used your seeds last season, and we wish to compliment you upon the highly productiveness of your seeds, which are very suitably adapted for growing enormous yields in the Willamette Valley.—McGlootchen and Bootsman, Junction City., Or.

I sent for Dahlias and Cabbage plants last year, and I never saw such Dahlias, and we never had such early Cabbage before. We like your seeds very much.—Mrs. J. Fenn, Chehalis, Wash.

Your seeds beat anything we can get, and do the best in this dry country. Wishing you success.—H. A. Street, Washtuca, Adams Co., Wash.

I have used your seeds for 15 years. They have never failed to give me perfect satisfaction.—Mrs. Lizzie McPherson, Lynden, Wash.

Your seeds are the **best** I ever struck. **Everything first class.**—Fritz Pfundt, Holly, Kitsap Co., Wash.

I have always had good luck with your seeds. They seem to be of high grade, and they are best for the West.—H. B. Smith, Quillayute, Clallam Co., Wash.

I received your seed which I ordered and thank you for your promptness. Wishing you the best success in business.—Wm. H. Walker, Olalla, Kitsap Co., Wash.

We could not make garden without your ONION seeds, the best on the market.—Mrs. J. Juckoff, Lakewood, Snohomish Co., Wash.

Your seeds are the best I have ever found. My father, S. A. Rounds, used them 25 years ago, in Seabeck, Kitsap Co., Wash.—Mrs. F. C. Francis, Hillsboro, Oregon.

We have sent to you for seeds for the past 10 years, and they are always good. You sent me three Gladiola Bulbs, as a premium, and everyone said they were the prettiest they had ever seen.—Mrs. John Hendricks, Chehalis, Wash.

I first bought seed of you in 1888. Have always found them good, and have recommended them to all my friends.—Harry B. Knowles, Everett, Wash.

I have used your seeds and have found them true to name for over 20 years.—Chas. A. Larson, Gertrude, Pierce Co., Wash.

This is my second year out here, and I used all brands of seeds last year with indifferent success. My neighbors all speak highly of your seeds, so I will try them myself, having seen the results of your seeds in my neighbors' fields.—Wm. H. Walker, Olalla, Kitsap Co., Wash.

Puget Sound Seed Gardens

LA CONNER, SKAGIT CO., WASH., Jan. 1, 1914.

Greeting to All:

We send you this TWENTY-NINTH ANNUAL Catalogue of the Best Seeds for your use, hoping you will favor us with your esteemed orders for such Seeds, Plants and Roots, as you may need in our list. Whether you are an old customer, or a new one, be your order large or small, we will give it prompt and careful attention. We have the largest Mail Order Seed business in the Northwest, and try to fill each order on the day it is received. We have a Deputy Post-Master Clerk, so that the P. O. Department takes the Packages of Seeds from our Seed Store, without the delay of having to go through the Post Office, but go directly to the Mail Car. We find the Postal service very reliable, but if you should not receive promptly, notify us, so we can find out what has gone wrong. If you do not get them promptly, the chances are that you have forgotten to sign your name, or to put a stamp on your letter.

Our Seeds will save you many Dollars, by reducing the **"High Cost of Living."** A good Garden will enable you to **live high, at low cost,** and reduce your Grocery and Meat Bills. Also Doctor Bills, as Vegetables and Fruits are healthier than too much meats. The best and only way to have a good Garden, is to use good Seeds. If you have never tried our seeds, ask some of your neighbors who have used them. We promise to keep them as good as, or better than they always have been in the past. We wish it to be distinctly understood, however, that we do not grow all our seeds here ourselves, but such as we do not grow here, we have grown for us by experienced Growers, in such localities as the best seeds can be grown.

With each order for seeds by Packets, Ounces or Quarter Pounds, we will put in a Free packet, for each 50c of your order, if you will say what kinds will be most acceptable to you. But this does not apply to the Special Offer Collections, nor to pound orders.

Thanking each and every one who helped to send us so many thousand Orders last year, and hoping to hear from you all again, and your neighbors with you. I beg to remain:

Yours Sincerely,
A. G. TILLINGHAST.

(For Instructions for Ordering, see next page, which I hope you will read very carefully.)

HOW TO GET OUR SEEDS

We **do not** send our seeds **C. O. D.**, nor on **Commission**, and they **are not** to be found for sale at the **stores.** We prefer to **deal directly with our customers.**

WE SEND ORDERS POSTPAID BY MAIL

at prices named in this list, and **guarantee safe arrival** to your address. The **U. S. Mail** places our **Seed Store at your door,** and we make it very easy for you to get **good, fresh seeds** to plant. Look over this catalogue carefully and mark with a pencil all that you want. Then make out on the order sheet, or any other paper, a list of all the kinds and quantities that you have selected. BE SURE TO WRITE YOUR NAME AND ADDRESS plainly, enclosing the amount, and we will fill your orders **promptly, by return mail,** and **pay the postage ourselves.** (Parcel post rates do not apply to Seeds, Plants or Books.

HOW TO SEND MONEY

If the amount is fifty cents or more, send by POST OFFICE MONEY ORDER, drawn on La Conner, Wash., P. O. (in applying for which you can fill out at home, for the postmaster, the government blank application, which we send you with the order sheet), and we recommend this as the best way to send money. But if you are not convenient to money order office, you may send Express Money Order, Bank Check, or by Registered Letter. If the amount is **less** than **fifty cents,** you may send Coin or Postage Stamps, securely sealed and plainly addressed, in common letter without registering. Be sure that all Orders and Checks are drawn to the order of **A. G. Tillinghast, La Conner, Wash.,** and all coin should be wrapped with a small piece of cloth or strong paper, or otherwise secured from shaking around loose in the letter, and stamps should be kept dry and carefully folded within the letter or order sheet.

We exercise the greatest care to have all seeds fresh, pure and reliable, and cannot afford to have them otherwise, but there are so many influences, as soil, weather, insects, etc., beyond our control, that we cannot guarantee resultant crops nor be held responsible for more than the amount paid us for seeds. Our past record must be our guarantee for the future. Read the testimony we give on pages 1 and 2, showing that our seeds give great satisfaction in each and every locality in both Eastern and Western Washington. THEY ARE THE VERY BEST SEEDS FOR YOUR USE.

DO NOT DELAY, BUT MAKE OUT YOUR ORDER NOW, while you think of it, and have the seeds on hand when the planting time comes, and have the best garden you ever had. **We pay the postage.**

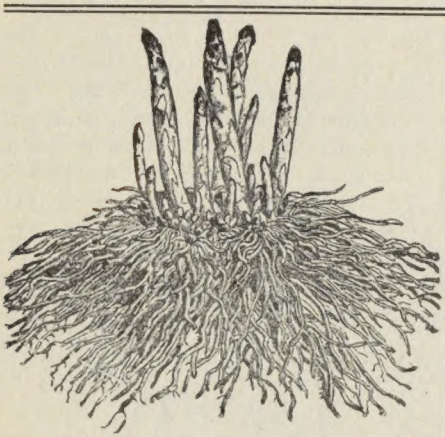
A. G. TILLINGHAST.

Descriptive Price List for 1914

Choice Selections for Washington and Puget Sound

SEEDS SENT POSTPAID BY MAIL except when otherwise noted. When sent by Freight or Express, or delivered at our Seed Store, 10c per lb. MAY BE DEDUCTED FROM MAIL PRICES. Parcel Post rates do not apply to Seeds.

ALL SEEDS CAREFULLY TESTED, so we know they will grow. Safe arrival guaranteed. All orders promptly filled.



ASPARAGUS

Asparagus is one of the earliest of spring vegetables. Ready for the table when we are just planting most vegetables, and weeks before the earliest green peas are ready. And a bed once started will last for years. It should have a place in every garden.

CONOVER'S COLOSSAL. The standard variety. More used than any other. Large green shoots of fine quality. Best kind for family use. Pkg., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c.

COLUMBIAN MAMMOTH WHITE. Produces white stalks of large size. Most valuable for market or canning. Pkg., 5c; oz., 15c; lb., 75c.

ASPARAGUS ROOTS

Conover's Colossal—By Mail.

1 year old, dozen, 15c; 100, $1.00.
2 years old, dozen, 50c; 100, $2.50.

If by express at your expense, one-half of the above prices. To make a good asparagus bed, the ground should be trenched two feet deep and highly manured. Set plants in rows three feet apart and one foot apart in the row. Once planted it will last a life time.

BEANS, Bush

IMPROVED GOLDEN WAX. An improvement of the old Golden Wax, which has been so popular for years past. Possesses all the good qualities and is larger in pod and more prolific. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

GOLDEN EYED WAX. One of the best. Its pods or leaves never rust or spot like some others, and it is blight proof. Entirely stringless; flesh tender and of excellent quality and flavor. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

CHALLENGE DWARF BLACK WAX. This is the earliest of all the wax beans. It is ready for use a week before any other kind we have tried, and it is of the best quality for snap beans, but not so productive as the other kind. Plant a few of these for earlier use and some of the following for a succession. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

PENCIL POD BLACK WAX. One of the finest strains of wax beans known. It is very early, enormously productive, and of the very best quality. It has long, slender, handsome pods, that cook so tender they melt in the mouth, and are the most delicious bean we have ever found. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

NEW STRINGLESS GREEN POD. Long, round, green pods, absolutely stringless; tender, brittle and of finest flavor. While more hardy to withstand frosts, yet it is as tender to cook as any wax pod bean. Early and productive. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

HENDERSON'S BOUNTIFUL. A new green pod bush bean. Vigorous vines, very prolific, and very early. Large, flat green pods, entirely free from strings or tough lining, that snap brittle, cook tender, and are of delicious flavor. We have tested it for several years and have found it to be most excellent in every respect. Price, lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

DAVIS WHITE WAX. A popular white seeded wax variety. Handsome, hardy, and, when young, crisp and tender; the dried bean kidney-shaped and good for cooking. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

BEANS, Pole

OLD HOMESTEAD. This grand pole bean continues to be a great favorite. It is perfectly suited to this climate. **Medium early,** and enormously productive. Very large, long pods that cook tender and melting, and when once matured the green shelled beans are excellent. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

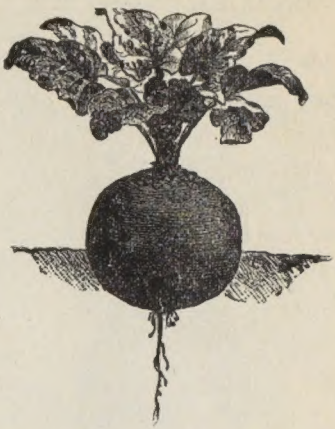
DUTCH CASE KNIFE. A little later. Has large,' green, flat pods; good for "snap" or shelled green. The large Lima beans are too late for our climate, and the Dutch Case Knife is the nearest approach to them of any here. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

BEETS

For Table Use.

EARLY EGYPTIAN. Best early table beet. Turnip-shaped and smooth. Deep blood color. Fine quality and earliest of all. Lb., $1.50; ½ lb., 80c; ¼ lb., 40c; oz., 15c; pkg., 5c.

EDMOND'S BLOOD TURNIP. A handsome, cleaned-shaped blood beet, not too large or coarse, but of good size. Crisp, tender, sweet and an excellent keeper. Small tops and roots. Matures early. Lb., $1.50; ½ lb., 80c; ¼ lb., 40c; oz., 15c; pkg., 5c.



ECLIPSE. Later, but gets larger than the Egyptian. Globular in shape, small top, quality fine, but not as deep red color as the Egyptian. Lb., $1.00; ½ lb., 60c; ¼ lb., 35c; oz., 15c; pkg., 5c.

LONG SMOOTH BLOOD. The best late winter beet; smooth and tender, small, round diameter, but very long shape; keeps well. Lb., $1.00; ½ lb., 60c; ¼ lb., 35c; oz., 15c; pkg., 5c.

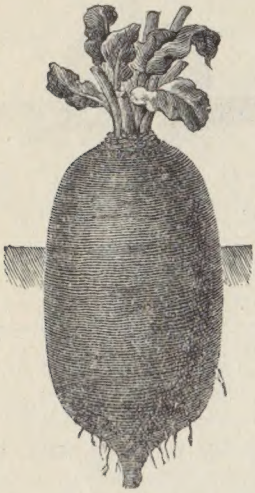
SUGAR BEETS

For Sugar or for Stock.

FRENCH WHITE SUGAR. Combines, with good yield, a good percentage of sugar. Not so large as the Mangels, but much sweeter. Lb. $1.00; ½ lb., 50c; ¼ lb., 35c; oz., 10c; pkg., 5c.

MANGEL WURTZEL BEETS

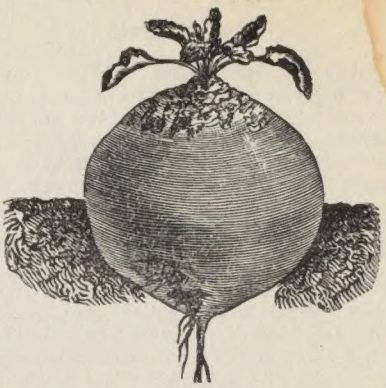
Write for prices on 10 lbs. or more.



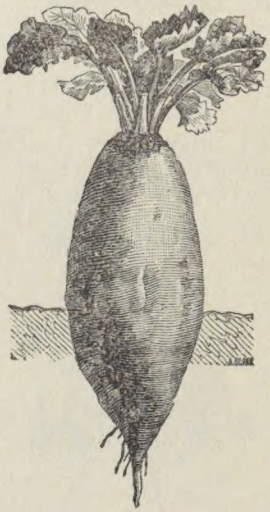
GIANT YELLOW OR GATE POST. Also called Golden Leviathan. Beautiful russet color; remarkably even in shape; very smooth. Flesh white, firm and sweet. Yields enormous crops and is an excellent keeper. Lb., 50c; ½ lb., 30c; ¼ lb., 15c; oz., 10c.

GIANT HALF SUGAR MANGEL. A strain of mangels, larger than the regular sugar beet and sweeter than the other mangels, which has been especially selected for its size and also nutritive feeding value. Stands well out of the ground and is easier to pull than the smaller sugar beets. Price, lb., 60c; ½ lb., 30c; ¼ lb., 20c; oz., 10c.

NORBITAN'S GIANT. Largest red; easiest to pull. Grown mostly above ground. Produces more weight to the acre, but is coarser grain than the other mangels. Lb., 50c; ½ lb., 30c; ¼ lb., 15c; oz., 10c.



YELLOW GLOBE. Better than other kinds for sandy or shallow soil. Globular in shape, productive, and keeps well. Very smooth and handsome. Grows to a large size on good soil. Lb., 50c; ½ lb., 30c; ¼ lb., 15c; oz., 10c.



GOLDEN YELLOW TANKARD. A superior strain of yellow mangel. Very sweet, firm flesh; produces enormous crops; flesh yellow and not as solid as the Gate Post. Lb., 50c; ½ lb., 30c; ¼ lb., 15c; oz., 10c.

DANISH SLUDSTRUP. New kind from Denmark. Highly recommended by the Danish Government. Long, oval, reddish-yellow. Grows well above ground, and easy to pull. After growing them for two years, we find the Sludstrup to be very productive, large, smooth, uniform shape, and very sweet and solid, and of high nutriment value. They much resemble the Giant Yellow or Gate Post, but are sweeter, containing more sugar. Our seed is from the originator in Denmark. Price, Lb., 60c; ½ lb., 35c; ¼ lb., 20c; oz., 10c.

LANE'S IMPERIAL SUGAR. Hardier and contains more sugar than the other kinds. It is a white sugar beet, selected for feeding stock. Lb., 65c; ½ lb., 35c; ¼ lb., 20c; oz., 10c.

BORECOLE, or KALE

GREEN CURLED. Bright green spreading and beautifully curled. Oz., 15c; pkg., 5c.

THOUSAND HEADED KALE. (See page 21 for Cow Kale.)

BROCCOLI

EARLY PURPLE CAPE. Early, compact heads of good flavor. Oz., 40c; pkg., 5c.

AUTUMN WHITE CAPE. Later, large white heads; splendid fall variety; heads during winter; frost proof, delicious eating early in spring. Oz., 40c; pkg., 5c.

BRUSSELS SPROUTS

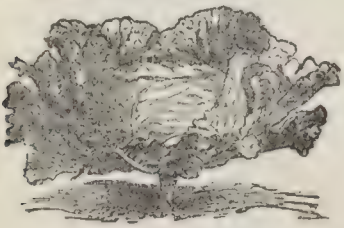
TALL FRENCH. Produces compact sprouts of good quality. Oz., 20c; pkg., 5c.

EARLY CABBAGE

EARLY JERSEY WAKEFIELD. This is the very best for early use or for early market. Solid pointed heads. Lb., $2.00; ¼ lb., 50c; oz., 15c; pkg., 5c.

COPENHAGEN MARKET. The earliest, large, round-headed cabbage yet introduced. Very solid, and of extra good quality. Valuable for home use, or for market. Price, pkg., 5c; oz., 25c; ¼ lb., $1.00; lb., $3.50.

HENDERSON'S EARLY SUMMER. A little later and larger than the Wakefield. Heads flat and stand longer without bursting. Lb., $2.50; ¼ lb., 50c; oz., 15c; pkg., 5c.



FOTTLER'S BRUNSWICK. A very large, sure heading second Early Drumhead. Excellent winter cabbage if planted late. Lb., $1.50; ¼ lb., 40c; oz., 15c; pkg., 5c.

EARLY WINNINGSTADT. A very solid, pointed head, medium in size and earliness. If planted late, makes a good winter cabbage. Heads well on land too poor to head other kinds. Lb., $1.50; ¼ lb., 40c; oz., 15c; pkg., 5c.

ALL SEASONS OR SUCCESSION. A fine new cabbage a few days later, but much larger than the Early Summer; sure heading and of finest quality. Good to plant early or late. Lb., $1.50; ¼ lb., 40c; oz., 15c; pkg., 5c.

LATE CABBAGE

LATE AMERICAN DRUMHEAD. Large, late heads, hard and solid, very desirable for fall and winter use. Sure heading and a good keeper. Smooth, uniform heads. Lb., $1.50; ¼ lb., 40c; oz., 15c; pkg., 5c.

PREMIUM LATE DUTCH. Best for winter use; round or slightly flattened heads; stands freezing well. A good keeper and of excellent quality. Lb., $1.50; ¼ lb., 40c; oz., 15c; pkg., 5c.

HOLLANDER OR DANISH BALL HEAD. A medium-sized, very solid head. Is a long keeper and a good one to ship. The small heads weigh more than large heads of other kinds. Should be planted on good soil, with good cultivation to secure good-sized heads. On poor soil it makes too long a stem. Lb., $2.50; ¼ lb., 75c; oz., 20c; pkg., 5c.

RED DRUMHEAD. A large, very solid, late red cabbage, much used in pickling. Good keeper and a favorite with the ladies. Lb., $2.50; ¼ lb., 75c; oz., 20c; pkg., 5c.

GENUINE SELECTED SURE-HEAD. A very reliable header; large, late, round flattened heads of the Flat Dutch type; a good keeper. Lb., $1.50; ¼ lb., 40c; oz., 15c; pkg., 5c.

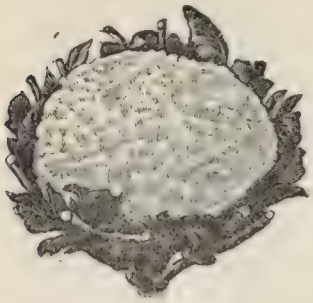
NETTED SAVOY. This is the finest of the Savoy cabbages, and a general favorite; of excellent flavor, surpassing that of any other late cabbage. Stands freezing well. Lb., $2.50; ¼ lb., 75c; oz., 20c; pkg., 5c.

Your cabbage seed does much better and makes better cabbage than any Eastern seed I ever used.—A. Burton, Bolivar, W. Va.

We planted your large late Flat Dutch cabbage and had fine heads. They are so large we could not sell them at the stores. Some of them weighed 25 pounds each.—Mrs. S. E. Nye, Carrolton, Cowlitz Co., Wash.

I have tested your cabbage seed with seed from France, Connecticut, and Long Island, and I know your seed is superior to any other seed I have ever tried or heard of.—E. J. Hull, Olyphant, Pa.

CAULIFLOWER



My cauliflower seeds are from selected heads of the choicest strains, and prove to be as good as seed from any other source.

HENDERSON'S EARLY SNOWBALL. The best known and most used of all the early cauliflowers. A great favorite with the market gardeners; for both early and late planting. Produces beautiful snow-white heads of the most delicious flavor. Lb., $15.00; oz., $1.00; pkg., 10c.

EXTRA EARLY DWARF ERFURT. This is the choicest selected strain of the Erfurt type and is very sure to make nice heads. Small leaves, large heads. Oz., $1.00; pkg., 10c.

DANISH GIANT. An excellent dry weather variety, with large, pure white, solid heads; two weeks later than the Erfurt, but will head up better in dry weather. Oz., $1.00; pkg., 10c.

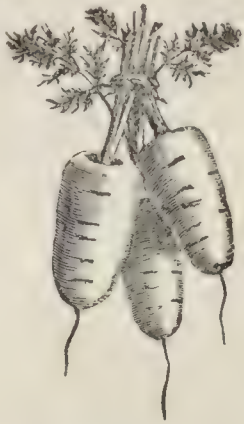
VEITCH'S AUTUMN GIANT. Large, late, white, compact heads, well protected by foliage. Oz., 50c; pkg., 10c. (Best for pickling and fall use.)

Your cauliflower plants were most satisfactory in every way.—Chas. A. Welander, Jefferson Co.

Your cauliflower and cabbage seeds did fine. I had the best lot in the county.—James E. Ellis, Claremont, N. H.

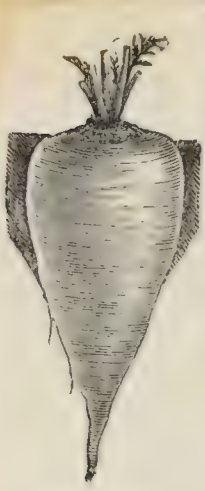
CARROTS

The carrot is a healthy, nutritious food for the family or for the stock. While we recommend the Yellow Mangel for cows, carrots are the best for horses, and they are especially valuable to feed poultry in winter, giving you great returns in the increased egg production. Peas and carrots make the cheapest and best food for laying hens. Don't fail to grow plenty of carrots. Easily grown, if you use my seed, which has always given great satisfaction.



EARLY HORN. Best for early market or table use. Quickest to mature. Lb., $1.25; ½ lb., 75c; ¼ lb., 40c; oz., 15c; pkg., 5c.

OXHEART, or GUERANDE. Short and thick; intermediate, between the Half-long and the Early Horn varieties; three or four inches in diameter at the neck. Of most beautiful color and shape. Lb., $1.00; ½ lb., 50c; ¼ lb., 25c; oz., 10c; pkg., 5c.



Improved Short White

Large White Belgian

IMPROVED SHORT WHITE. A great improvement over the large White Belgian, and does not extend above ground as does the old kind. Thick and short, easy to pull, and grows larger than the yellow kinds. Although a splendid stock carrot, it is most excellent quality for the table also. Lb., $1.00; ½ lb., 50c; ¼ lb., 25c; oz., 10c; pkg., 5c.

LARGE WHITE BELGIAN. A large and very productive stock carrot. The long roots extend above the ground so it is easy to pull, but liable to be injured by sun or frost. Lb., 75c; ½ lb., 50c; ¼ lb., 25c; oz., 10c; pkg., 5c.

DANVER'S HALF-LONG. Shorter and easier to pull; great favorite. Very productive and of very fine quality. Lb., $1.00; ½ lb., 50c; ¼ lb., 25c; oz., 10c; pkg., 5c.

CHANTENAY. Excellent new carrot of the Half-long class. Great favorite wherever tried. Nearly as large around and a little longer than the Oxheart. Lb., $1.00; ½ lb., 50c; ¼ lb., 25c; oz., 10c; pkg., 5c.

LONG ORANGE. An old, well-known kind, but not much used, as it grows too long and is hard to pull. Yields well, keeps well. Lb., $1.00; ½ lb., 50c; ¼ lb., 25c; oz., 10c; pkg., 5c.

Carrots require about 2¼ to 3 pounds per acre.

CELERIAC

CELERIAC

Turnip-rooted Celery.

Grown for its roots, which are cooked and sliced; used with vinegar, they make an excellent salad. They are also used for giving meats and soups the celery flavor. Pkg., 5c; oz., 15c.

FAMILY GARDEN COLLECTION. For $1.00 your own selection, 25-5c pkgs., our selection, 30-5c pkgs., or any 12-5c pkgs. for 50c. See page 23.

CHICORY

Lb., $1; ¼ lb., 30c; oz., 10c; pkg., 5c.

LARGE ROOTED. Used as a substitute for coffee. Roasted and ground it makes a healthful drink, and grows well in this climate. Cultivate same as carrots. Every family should try it.

CELERY

KALAMAZOO. The most solid, crisp, eating and deliciously flavored variety. Very large, short and stocky and of quick growth. Keeps well. Good for family use or for market. Oz., 20c; pkg., 5c.

WHITE PLUME. Most popular with white stalks and leaves. Very ornamental. Does not require so much banking up for bleaching as the other kinds. Oz., 20c; pkg., 5c.

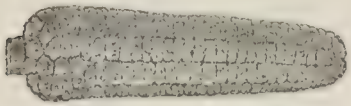
CRAWFORD'S HALF DWARF. Vigorous of growth; solid, good flavor. Oz., 20c; pkg., 5c.

DWARF GOLDEN HEART. A very popular and new variety. Beautiful short sort; solid, excellent flavor, and keeps well during winter. Oz., 20c; pkg., 5c.

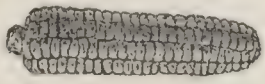
HENDERSON'S SILVER SELF-BLANCHING. A new celery, having the beautiful silvery white coloring and self-blanching characteristics of the White Plume, together with the robust, sturdy, compact habit of the Golden Self-Blanching. Brittle, crisp, tender and fine nutty flavor. Pkg., 10c; oz., 75c.

CORN

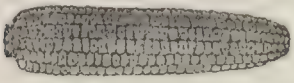
GOLDEN BANTAM. A medium early, very sweet corn, with golden yellow grain, very tender and of most excellent quality. It is not quite as early or sure as the Cory, and is of medium size, but those who can make a second early kind ear, will find this to be of exceptionally delicious and rich flavor for table use. We have grown it successfully here for several years, and for eating, like it best of all. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.



MAMMOTH WHITE CORY. This is the White Cob Cory, much improved in size of ear and kernel. It is the largest extra early sweet corn. It has twelve instead of eight rows, as in the old Cory, and will find better sale in the market. It is nearly as early and of as good quality also. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.



RED COB EARLY CORY. This is the earliest sweet corn grown, and the best and surest to plant on Puget Sound. Put the hills three feet apart each way, and then thin out to two stalks in each hill, and it will ear and fill well. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.



EARLY MINNESOTA. Is larger and later, but not so sure as the Cory. It is well to plant some of both kinds for a succession. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

CRESS or PEPPER GRASS

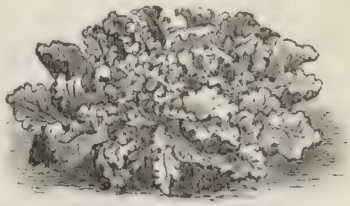
UPLAND. Leaves and flavor resemble water cress, but grows in dry soils, on uplands. Oz., 50c; pkg., 5c.

CUCUMBERS

EARLY WHITE SPINE. Medium in earliness. Fine for table use, ¼ lb., 30c; oz., 10c; pkg., 5c.

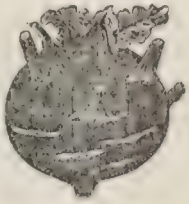
LONG GREEN. Late. The best for pickles. Vigorous and very productive. ¼ lb., 30c; oz., 10c; pkg., 5c.

ENDIVE



GREEN CURLED. Not only much used as a salad, but is highly ornamental from its delicately cut and colored leaves. Much used for garnishing. Lb., $1.50; oz., 15c; pkg., 5c.

KOHL RABI



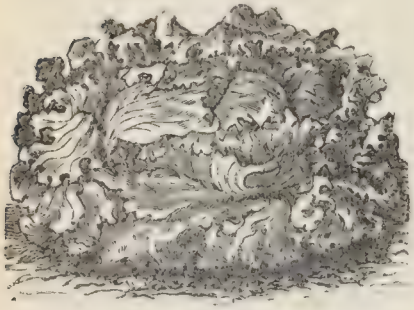
LARGE EARLY PURPLE. Fine and tender. Oz., 15c; pkg., 5c.

LARGE EARLY WHITE. Same as above except color. Oz., 15c; pkg., 5c.

LEEK

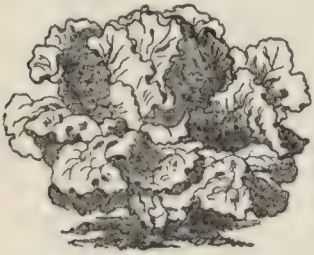
LARGE AMERICAN FLAG. This fine variety produces large white stems of delicate flavor. Oz., 15c; pkg., 5c.

LETTUCE



HANSON. One of the very best. Large heads, sweet and crisp. If you want your lettuce to head, plant this kind and thin out, or transplant to several inches apart. ¼ lb., 30c; oz., 10c; pkg., 5c.

GRAND RAPIDS. This is the kind of lettuce that is generally used for growing under glass in winter. ¼ lb., 40c; oz., 15c; pkg., 5c.



BLACK SEED SIMPSON. Large, early; very nice and desirable; slow to run to seed; tender a long time. ¼ lb., 30c; oz., 10c; pkg., 5c.

EARLY PRIZE HEAD BROWN. Large leaves, tinged with brownish red; very tender, crisp and sweet, forming a large, loose head. Pkg., 5c; oz., 10c; ¼ lb., 30c.

WONDERFUL. A large, crisp tight-heading variety. Dark green, curly leaves. Head large and of fine quality. ¼ lb., 40c; oz., 15c; pkg., 5c.

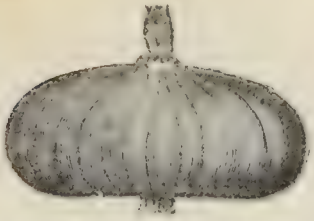
YELLOW BOTTOM. Best sets for early green onions. Quality extra good this year. 25c lb., by **Mail, Postpaid.** Parcel post rates do not apply to onion sets.

If by freight or express at your expense, or if sold at our seed store, deduct 10c lb.

ONION SEEDS

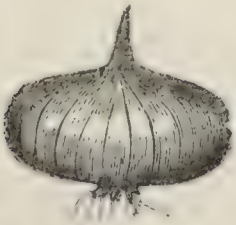
Our onion seed has given the best of satisfaction. Many have written us that they could never grow such nice, large, sound onions with any other seed. We have extra choice onion seed, and onion growers can place the utmost confidence in this seed. Sow about five pounds to the acre.

OREGON YELLOW DANVERS. A great favorite. Round, large; yields heavy; early to ripen and a good keeper; best kind for Puget Sound. All the onion growers like it. Lb., $1.75; ¼ lb., 50c; oz., 15c; pkg., 5c.



LARGE RED WETHERSFIELD. A pleasant flavor; grows large; flat; keeps well. Many people plant half red and half yellow, mixing the seed. Lb., $1.50; ¼ lb., 40c; oz., 15c; pkg., 5c.

EXTRA EARLY RED. A light red colored onion; good keeper; earliest of all; medium sized, but very productive. Lb., $1.50; ¼ lb., 40c; oz., 15c; pkg., 5c.



WHITE PORTUGAL OR AMERICAN SILVERSKIN. A large white, flat onion of mild flavor. Fine for early use and for pickling; keeps as well as any of the white onions. Lb., $2.00; ¼ lb., 60c; oz., 20c; pkg., 5c.

PRIZE TAKER. A very large globe-shaped variety, with light yellow skin and white flesh of mild flavor. Heavy cropper and fairly good keeper. Pkg., 5c; oz., 20c; ¼ lb., 40c; lb., $1.50.

AUSTRALIAN BROWN. A beautiful amber brown; extra early; sure cropper, and best keeper of all the onions; very solid and good. Lb., $1.25; ¼ lb., 40c; oz., 15c; pkg,. 5c.

MUSKMELON

Oz., 10c; pkg., 5c.

HACKENSACK. Largest of all nutmeg melons. quality good; valuable for market or use.

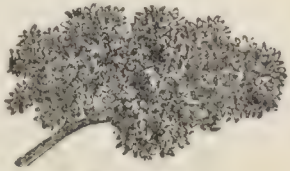
JENNY LIND. The earliest netted. Small but delicious.

WATERMELON

Oz., 10c; pkg., 5c.

PHINNEY'S EARLY. Very early and productive. Good and easy to grow.

PARSLEY



CHAMPION MOSS CURLED. The most beautiful kind for garnishing or flavoring. Can cut fresh from the garden all winter. ¼ lb., 25c; oz., 10c; pkg., 5c.

PARSNIPS

LONG WHITE. Large, smooth, sweet; the standard kind; grown from especially selected smooth roots, 1913 crop. Lb., 75c; ¼ lb., 25c; oz., 10c; pkg., 5c.

Parsnip seed two years old will not grow. Don't be fooled on old parsnip seed. There should be parsnips in every garden to use at any time through the winter. They also make excellent hog feed.

We used your seeds last year and found them excellent. From your PARSNIP seed we raised one 17 inches around and 24 inches long.—Fred Alger, Thurston Co., Wash.

PEPPERS

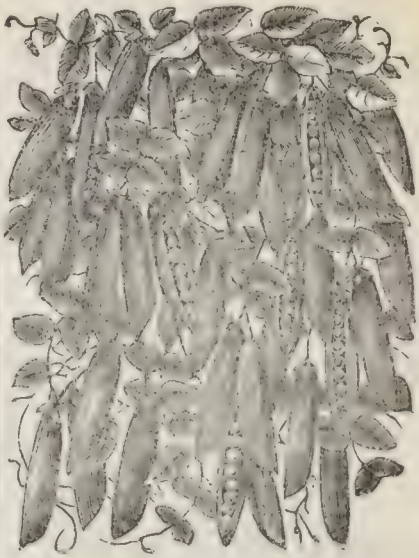
Oz., 30c; pkg., 5c.

GOLDEN DAWN. Large, sweet yellow, productive. Has no fiery flavor and is excellent for mangoes.

LARGE SWEET MOUNTAIN. Red, mild, much used for mangoes.

RED CAYENNE. Small, prolific, hot; much used in pickling. It requires heat to sprout and grow peppers, must be started early in hot beds, under glass.

PEAS, Early

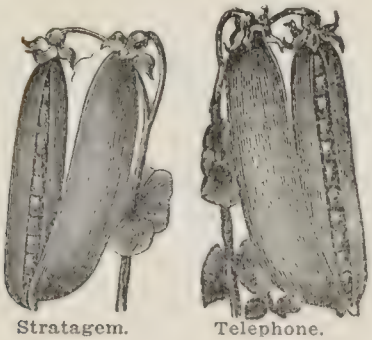


ALASKA or FIRST OF ALL. Earliest of all, and the best of the hard, smooth, round peas, which can be planted very early as they are not so liable to rot in the ground as the wrinkled peas. Three feet tall. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

AMERICAN WONDER. Earliest of the dwarfed wrinkled peas. Does not need bushing. Large peas and pods and prolific; quality extra good. Do not plant it while the ground is cold and wet. Lb., 30c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

NOTT'S EXCELSIOR. A well-known favorite. Resembles the American Wonder, but is more prolific and more vigorous, and a good quality. Is the best early dwarf pea grown. Lb., 30; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

PEAS, Late



Stratagem. Telephone.

IMPROVED STRATAGEM. A sweet wrinkled variety from England; vines of vigorous growth, healthy and stocky; about two feet high; producing a heavy crop of beautiful, large, long pods; well filled with large peas of good quality; very valuable and reliable. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

TELEPHONE. Half dwarf with vigorous vines, producing an abundance of very large pods, filled with immense peas, which are tender and sweet and of excellent flavor. Lb., 25c; ½ lb., 15c; ¼ lb., 10c; pkg., 5c.

PUMPKINS

¼ lb., 20c; oz., 10c; pkg., 5c.

SWEET OR SUGAR. Fine grained; excellent for pies; very prolific. Early and sure to ripen.

RADISH

FRENCH BREAKFAST. Small, oval form, quick growing, mild and tender. Color scarlet, tipped with white; best kind for hot-beds or for earliest use in open ground in the garden. Get a good supply of radish seeds and sow every two weeks through the season. Lb., 60c; ¼ lb., 20c; oz., 10c; pkg., 5c.

Long Brightest Scarlet. Chartier.

LONG BRIGHTEST SCARLET. A beautiful new radish. It grows very quickly and is as good as it is pretty. Lb., 60c; ¼ lb., 20c; oz., 10c; pkg., 5c.

CHARTIER. Beautiful long scarlet white tip; crisp and sweet. See cut. Lb., 50c; ¼ lb., 20c; oz., 10c; pkg., 5c.

LONG WHITE. Very juicy, crisp and tender. The finest of the long white radishes. Lb., 50c; ¼ lb., 20c; oz., 10c; pkg., 5c.

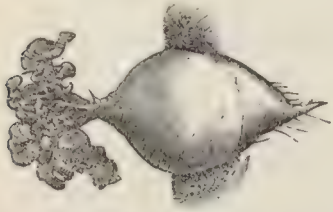
SCARLET TURNIP, WHITE TIPPED; or ROSY GEM. One of the most popular and attractive short varieties. Globe-shaped, bright rose carmine, with bottom and tip clear white. Valuable for forcing as well as for the house garden and market. Lb., 60c; ¼ lb., 20c; oz., 10c; pkg., 5c.

CHINA ROSE WINTER. Best for winter use. Long, solid and tender. Lb., 65c; ¼ lb., 20c; oz., 10c; pkg., 5c.

ROUND BLACK SPANISH. A top-shaped winter variety with black skin and white flesh. Keeps all winter. Lb., 75c; ½ lb., 40c; ¼ lb., 25c; oz., 10c; pkg., 5c.

RUTABAGA

SKIRVING'S PURPLE TOP. Best for field culture and cattle feeding and good for market. Lb., 50c; ¼ lb., 20c; oz., 10c; pkg., 5c.



WHITE FRENCH. A large, white, market variety; sweet, smooth and solid. Good winter keeper. Lb., 50c; ¼ lb., 20c; oz., 10c; pkg., 5c.

AMERICAN YELLOW. A large, yellow, sweet Swede. Excellent for table or for stock. Lb., 50c; ¼ lb., 20c; oz., 10c; pkg., 5c.

RHUBARB

VICTORIA. Is very large; standard kind; seeds sown this year will yield stalks for next year. Lb., $1.00; ¼ lb., 30c; oz., 15c; pkg., 5c.

SALSIFY

Lb., $1.00; ¼ lb., 30c; oz., 10c; pkg., 5c.

A white carrot-shaped root that makes delicious soup; resembling oysters in flavor; easy to grow; good all winter and late in spring; can be left in the ground all winter. Try it.

SPINACH

Lb., 40c; ¼ lb., 15c; oz., 10c; pkg., 5c.

LARGE VIROFLAY. A better kind than the old round-leaf sort.

LONG STANDING. A new variety, good for family use; slow to go to seed.

SUMMER SQUASH

Lb., $1.00; ¼ lb., 30c; oz., 10c; pkg., 5c.

EARLY WHITE BUSH. The earliest summer squash. Very pretty, scalloped and very productive.

LARGE SUMMER CROOK NECK. An excellent new kind for family use or for market. Fine buttery flavor prolific and large.

VEGETABLE MARROW. A favorite English sort. Rich nutty flavor. Fine for cooking when quite young; grows from 8 to 10 inches long; better than the other summer squashes. Lb., $1.00; ¼ lb., 30c; oz., 10c; pkg., 5c.

WINTER SQUASH

HUBBARD. The standard winter squash, old and reliable. Does well here. Lb., $1.00; ¼ lb., 35c; oz., 10c; pkg., 5c.

NEW GOLDEN HUBBARD. Same shape and same good qualities as the old standard Hubbard, but is of a bright orange yellow color, being exceedingly showy and attractive. Lb., $1.00; ¼ lb., 35c; oz., 10c; pkg., 5c.

SUNFLOWER

Lb., 25c; ¼ lb., 10c; oz., 5c.

MAMMOTH RUSSIAN. Flowers and seeds very large; seeds rich with oil and valuable to feed poultry.

TOBACCO

Oz., 20c; pkg., 5c.

CONNECTICUT SEED LEAF. Hardy; the best for this latitude; excellent for smoking, also for making a spraying liquid for killing insects.

THOUSAND HEADED or COW KALE

For winter forage for stock and milch cows. Grows 40 to 50 tons per acre. Needs only two pounds seed to plant an acre. Try it. Lb., 50c; ¼ lb., 20c; oz., 10c; pkg., 5c.

TOMATOES

EARLIANA. A wonderfully early and very prolific medium sized, uniform, smooth, good-shaped, bright scarlet tomato of great solidity and fine flavor. Vines vigorous and hardy, yielding and ripening well for us. Larger and smoother than the Ruby and just as early. ¼ lb., $1.00; oz., 35c; pkg., 5c.

CHALK'S EARLY JEWEL. Fruit deep scarlet red, smooth, large and good quality. Second early. Oz., 25c; pkg., 5c.

LIVINGSTON'S FAVORITE. Large smooth, red; good for shipping, for eating or for canning; medium early; ¼ lb., 75c; oz., 25c; pkg., 5c.

YELLOW PLUM. Small, plum-shaped, early and very prolific. Most excellent for sweet preserves. ¼ lb., 75c; oz., 25c; pkg., 5c.

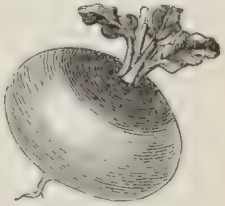
I have always success with your TOMATOES.—Mrs. Myra Behme, Custer, Whatcom Co., Wash.

TURNIPS

EXTRA EARLY MILAN. Earliest of turnips. Quite flat, small leaves and small tap-root, with bulb three or four inches in diameter; bright red and purple above ground and clean white below, making it very attractive in market. Lb., 75c; ½ lb., 40c; ¼ lb., 20c; oz., 10c; pkg., 5c.

WHITE EGG. Large, early, sweet, good, smooth, egg-shaped. Lb., 60c; ½ lb., 35c; ¼ lb., 20c; oz., 10c; pkg., 5c.

PURPLE-TOP STRAP-LEAF. The old standard flat fall turnip. Lb., 50c; ½ lb., 30c; ¼ lb., 15c; oz., 10c; pkg., 5c.



YELLOW ABERDEEN. Very hardy and productive; good keeper; globe-shaped; fine quality. Lb., 50c; ½ lb., 30c; ¼ lb., 15c; oz., 10c; pkg., 5c.

PURPLE TOP WHITE GLOBE. A valuable sort, for either table use or stock feeding. Roots globe-shaped, white with purple top; flesh white, firm and tender. Lb., 50c; ½ lb., 30c; ¼ lb., 15c; oz., 10c; pkg., 5c.

Herb Seeds

Pkgs., 5c each; six pkgs., 25c; twelve pkgs., 45c.

ANISE—Hardy annual.
CARAWAY—Hardy biennial.
CORIANDER—Hardy annual.
DILL—Annual aromatic.
HOREHOUND—Perennial.
ROSEMARY—Fragrant perennial.
LAVENDER—Fragrant perennial.
MARJORAM—(Sweet) perennial.
SAGE—Large leafed, for flavoring.
SUMMER SAVORY—For flavoring.
THYME—Medicinal perennial.
WORMWOOD—Bitter perennial.

Garden herbs are of much value for medicine, flavoring and perfume, and are easily grown from seed. Some of them should be in every garden.

SPECIAL OFFERS

Our Family Garden Dollar Collection

THIRTY FULL FIVE CENT PACKAGES—ONE PACKAGE EACH—of the Following Thirty Kinds Choice Selected Vegetable Seeds, All for One Dollar.
(In ordering, simply send $1 and say you want the Family Garden Collection.)

BEANS—Golden Wax, bush.
Old Homestead, pole.

BEETS—Early Egyptian.
Late, Long Smooth.

CABBAGE—Early Jersey Wakefield.
Early Winningstadt.
Late Flat Dutch.

CARROT—Early Scarlet Horn.
Early Oxheart.
Late Danver's ½ Long.

CAULIFLOWER—Autumn Giant.

CELERY—White Plume.
Kalamazoo.

CUCUMBER—Early White Spine.
Long Green.

CORN—Mammoth Early Cory.

LETTUCE—The Hanson.

ONION—Yellow Danvers.
Red Wethersfield.

PARSNIP—Long Smooth White.

PEAS—American Wonder.
Stratagem, late.

RADISH—Early French Breakfast.
Chartiers, late.

RUTABAGA—American Yellow.

SQUASH—Early White Bush.
Late Green Hubbard.

TOMATO—The Earliana.

TURNIP—Early White Egg.
Purple Top Strap Leaf.

THIRTY FULL SIZED PACKAGES ALL FOR ONE DOLLAR—A COMPLETE GARDEN

Or, you may make your own selections, any Twenty-five 5-cent Packages in this whole Catalogue for $1.00 and may include Herbs and Flowers. Any Twelve 5c Packages for 50c. These offers apply to 5c Packages only, and not to Ounces. In no other way can you make the money go so far to reduce the cost of living.

PRICES—Packages, 5c; any six for 35c; any twelve for 50c; the whole collection of twenty-four kinds, 75c.

ACCRO-CLINIUM

The most beautiful of everlasting flowers. Red and white mixed.

SWEET ALYSSUM

Very fragrant white flowers. In bloom a long time. Easy to grow.

AMMOBIUM

Pure white; fine for bouquets if gathered before fully bloomed. Useful for wreaths at funerals.

BALSAM

Camelia flowered. Double, mixed, brilliant colors. Very beautiful.

ASTERS

The finest varieties mixed. All colors. One of the most popular flowers. You will find them very choice.

CARNATION

Finest double mixed. Most magnificent of the pinks. All colors and shades.

FORGET-ME-NOT

Very popular, beautiful perennials; hardy enough to remain in open ground over winter.

HELICHRYSUM

Another of the everlasting or straw flowers; very large, strong, rich colored, double flower. Very easily grown.

MARIGOLD

African double mixed. All colors, very showy. Easy to grow. An old fashioned flower, much improved.

MIGNONETTE

Another old-fashioned favorite flower. No garden complete without it. Large spikes; very fragrant.

MORNING GLORIES

A well known climbing annual of rapid growth and profusion of bloom. An old-time favorite.

NASTURTIUM

Dwarf

Half hardy annual. Blooms very profusely all the season. Many brilliant colors, mixed. Needs no trellis. 1 oz., 10c.

NASTURTIUM (Tall)

Beautiful annual; climber for trellises and arbors; of easy culture, bearing gorgeous colored flowers until killed by hard frosts. 1 oz., 10c.

PANSIES

Large flowering, mixed. All colors, shades and markings. Very choice seed.

PETUNIA

Mixed colors Profusely blooming; hardy. In bloom till frost comes. Easy to ;row anywhere.

PHLOX DRUMMONDI

A beautiful showy annual. All colors, mixed; very brilliant.

RHODANTHE

The most delicate of all the everlastings. Beautiful silky pendent flower. Pink and white mixed.

SWEET PEAS

Eleven new kinds, mixed; all colors; extra fine. 1 oz., 10c; ¼ lb., 30c. See page 26.

POPPIES

Peony flowered. Mixed colors. Large and brilliant. Grows very quickly and easily. Makes a fine show.

SALPIGLOSSIS

One of the most beautiful of flowering annuals, bearing many flowers of large size and many colors.

VERBENA

Choicest mixed. Blooms freely. Fine for bedding.

PORTULACA

Double and single mixed creeper, with bright colored flowers.

STOCKS

New German, mixed colors; long time in bloom; very pretty.

WALLFLOWER

Double; mixed colors. Hardy perennial, beautiful, fragrant. Blooms profusely early in spring next year after planting and continues to bloom for several years.

SWEET PEAS, CHOICE NEW KINDS

KING EDWARD VII—The largest pure red. Brilliant and attractive. 1 oz., 20c; pkg., 10c.

DOROTHY ECKFORD—The best pure white. Extra large size, splendid substance, and borne three on a stem. Oz., 10c; pkg., 5c.

LADY GRISEL HAMILTON—The largest flowering lavender color. 1 oz., 20c; pkg., 10c.

OTHELLO—The largest and best maroon. Very dark, with veins almost black. 1 oz., 10c; pkg., 5c.

STELLA MORSE—Rich primrose; flushed pink. Oz., 10c; pkg., 5c.

MRS. WALTER WRIGHT—The largest purple blue or rose purple. 1 oz., 20c; pkg., 10c.

PRIMA DONNA—The favorite pink and best of the pure pinks; very vigorous. 1 oz., 20c; pkg., 10c.

ASTA OHN, SPENCER TYPE—Soft Lavender, suffuse mauve. 1 oz., 40c; pkg., 15c.

COUNTESS SPENCER—The new giant pink. Very desirable; seed scarce. Oz., 40c; pkg., 15c.

HELEN LEWIS—The new giant orange pink. Countess Spencer family. 1 oz., 40c; pkg., 15c.

BEST, LARGE FLOWERING, MIXED, All Colors, Oz., 10c; pkg., 5c; ¼ lb., 30c.

GLADIOLI

GLADIOLI BULBS

FOR SPRING PLANTING

Most bulbs should be planted in the fall, but these can be put out while you are making your garden in the spring. They thrive and bloom with the least care and attention, and at a time when other flowers are scarce, making a display which, for brilliancy and beauty of coloring, few bulbs can equal and none surpass.

Our collection is the result of several years' choice selection and Hybrid Seedlings of the best obtainable from Groff's, Burbank's and our own Superb Selected Seedlings.

PRICE—5c each; 50c dozen, postpaid. All colors mixed.

Dahlias

Orders for Dahlias booked as received, and will be mailed during APRIL. Order early, with your seed and plant orders. Plant them from April 15th to June 1st. Price—Postpaid by mail, 25c each; 5 for $1.00; 12 for $2.00.

LIST

AMBASSADOR—Pure white, of good cactus form, splendid grower and abundant bloomer.

CAPSTAN—Soft brick red, shaded apricot, petals long and regular, long stems and free blooming.

BLACK PRINCE—(Decorative)—Nearest black of any Dahlia; is large and of fine form.

CLARA G. STREDWICK—Bright salmon, tinted yellow and purple tipped.

DOROTHY—Fawn, striped and flaked maroon. Very fine.

FLORENCE M. STREDWICK—Creamy white. The finest of this color.

GEN BULLER—Cardinal, with crimson shading; each petal tipped with white; an extra fine Dahlia.

GOLDEN QUEEN—Yellow, shading to buff. Large and fine.

J. H. JACKSON—Crimson Maroon, best of its color, long stems, perfect form, always good.

JEANNE CHARMET—(Decorative Dahlia)—Pink, lilac edge, white center, yellow margin, long stem, fine shape.

KREMHILDE—Delicate shell pink, center petals white, forming a beautiful rosette of that color above the pink.

LOVELY EYNSFORD—Clear shade of amber. Extra fine form.

MRS. A. PAINE—Snow white, edged old gold, and pinkish bronze. A strong grower and free bloomer.

MRS. AMOS PERRY—Bright flaming red, incurving clawlike. One of the best chrysanthemum flowered Dahlias.

MRS. CHARLES TURNER—Bright lemon yellow. Finest of its color. Very large flat petaled, of good form.

MRS. DE LUCA—Yellow, shaded orange. One of the best.

MRS. F. GRINSTED—Deep, rich crimson, with a slight shade of purple.

MRS. H. J. JONES—Red, tipped with white. Best bi-color variety.

MRS. H. F. ROBERTSON—Deep pure yellow, petals extremely narrow and flowers of the finest cactus type. One of the best.

SOUVNER DE GUSTAVE DOUZON—Pleasing shade of orange red, very bold and free, good stems, strong grower. Largest Dahlia out.

STANDARD BEARER—Bright scarlet, perfect shape and very profuse.

STAR FISH—Clear scarlet, bold flower, very fine.

THURINGIA—Light orange. An exceptionally large and fine flower.

OCTOPUS—Nearly white, with tinge of lavender. Large and free.

Price—25c each; 5 for $1.00; 12 for $2.00 POST-PAID. ORDERS booked as received; delivered during APRIL.

Vegetable Plants

Securely Packed with Moss at the Roots. By Mail, Postpaid.

	Per doz.	Per 100
TOMATO, EARLIANA—Transplanted	$0.50	$2.50
Smaller plants from seed bed (not transplanted)	.25	1.25
CELERY, WHITE PLUME—Early plants from hot-bed	.20	.75
Later plants, after June 15th	.15	.50
CAULIFLOWER—Early, from hot-bed	.20	1.25
Late plants, after June 15th	.15	1.00
CABBAGE—Early Jersey Wakefield, wintered-over plants	.20	.75
Late Flat Dutch and Winningstadt, after June 15th	.15	.50

For price of early and late Cabbage Plants, by express or freight, by the 1,000 write, stating kinds and quantities wanted.

Roots

ASPARAGUS—1 year, 25c per doz.; 75c per 50; $1.00 per 100, postpaid.
2 year, 50c per doz.; $1.50 per 50; $2.50 per 100, postpaid.

If by Freight or Express, at buyer's expense, one-half above prices.

RHUBARB—1 year, 10c each; $1.00 per doz, postpaid by mail.
Bud cuttings of Mammoth Pie Plant, same prices.

If by Freight or Express, at buyer's expense, we can send larger Roots and Cuttings.

Sent by Mail, Postpaid, at the Prices Named.

Good Books for Farmers and Gardeners

CELERY FOR PROFIT—By T. Greiner. Paper, 20c. The best methods of culture are described in this volume.

ONIONS—HOW TO GROW THEM PROFITABLY—By seventeen growers of experience. The best book on onions ever published. Paper, 20c.

HOW TO GROW CABBAGE—By Gregory. Full details for growing, keeping and selling cabbage. Paper, 30c.

CARROTS, MANGEL WURTZELS, ETC.—By Gregory. How to grow, harvest, keep and feed all kinds of farm roots for stock feeding. Paper, 30c.

GARDENING FOR PROFIT—By Peter Henderson. The best book on gardening ever written. No market gardener should try to do without it, and it will pay every farmer to read it. Cloth, 12 mo.; profusely illustrated, $1.50.

SMALL FRUIT CULTURIST—By Andrew S. Fuller. This book covers the whole ground of small fruits, their culture, varieties, packing for market, etc. It is very finely and thoroughly illustrated. Cloth, 12 mo., $1.00.

PROFITS IN POULTRY—This excellent work contains the combined experience of a number of practical men in all departments of poultry raising. It is profusely illustrated and will be of much value to every poultry keeper. Cloth, 12 mo., $1.00.

Any Books not found on above list will be supplied on receipt of the publisher's price. Address all orders to A. G. TILLINGHAST, La Conner, Skagit Co., Wash.

Grass Seeds

CHOICEST, CLEANEST grades of GRASS SEEDS constantly on hand, and we take the greatest care to have them free from any foul seeds.

WE OFFER—ALL NEW CROP, 1913

TIMOTHY—Our own grown, so long as it lasts, which we know to be absolutely clean, (except a very little Alsyke) as we personally went through the whole field and pulled out every weed, before it was harvested. When this home grown is all sold, we will supply the very best of Idaho grown Timothy, which has been carefully tested for vitality and purity.

RED CLOVER—We have secured on hand a very large stock of Oregon grown RED CLOVER, all above STANDARD TEST, and a large lot of it is from a field which we had inspected for us, before it was harvested and before buying the seed. The Oregon grown Clovers are much better than any Eastern or Foreign grown, as they are very plump and of stronger vitality, and not shrivelled as are the Eastern and European Clovers.

ALSYKE—We also have a good stock of Oregon grown Alsyke Clover that is the best and cleanest sample we could find in Oregon.

TIMOTHY GRASS	RED CLOVER
RED TOP GRASS	ALSYKE CLOVER
KENTUCKY BLUE GRASS	ALFALFA CLOVER
ORCHARD GRASS	WHITE CLOVER
ITALIAN RYE GRASS	BEST Mixed LAWN GRASS
ENGLISH RYE GRASS	

PRICES

BULK GRASS SEEDS, in lots of 25 to 100 lbs. or more, at lowest market rates. Write for quotations, giving us an estimate of about how many pounds of each you may need.

Small quantities sent by mail postpaid, for 10c per lb. added to the 100 lb. price. Parcel Post rates do not apply to seeds. Let us supply you early, while our stocks are large and extra good.

Farm Seeds for Forage Crops

SPRING VETCHES—One of the best forage crops. It furnishes an abundance of excellent feed, either green, or dried for hay. Sow 60 pounds per acre, mixed with an equal weight of wheat, rye or oats, to hold it up from the ground. Mail, postpaid, 20c lb.; $5.00 per 100 lbs. by freight at purchaser's expense.

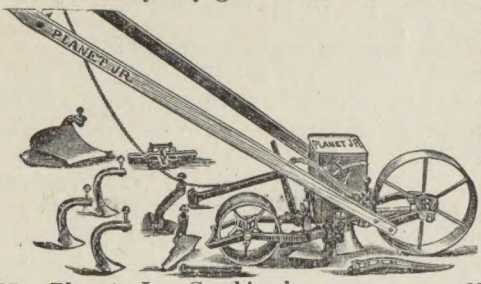
FIELD PEAS—Valuable for green fodder, also the ripe dry peas are very fattening hog feed. Peas and Vetches are very enriching for the ground when plowed under green. They draw nitrogen from the air and give it to the soil. Sow 100 lbs. to the acre. Price 5c lb. by frieght.

DWARF ESSEX RAPE—Grows quickly and produces large yield of excellent green fodder for cattle, sheep and chickens. By mail, postpaid, 25c lb. Sow 4 lbs. per acre in drills, or 6 lbs. broadcast.

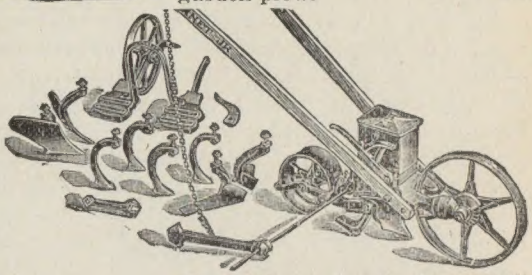
THOUSAND HEADED or COW KALE—For winter green feed. See page 21.

Planet Jr. Garden Tools

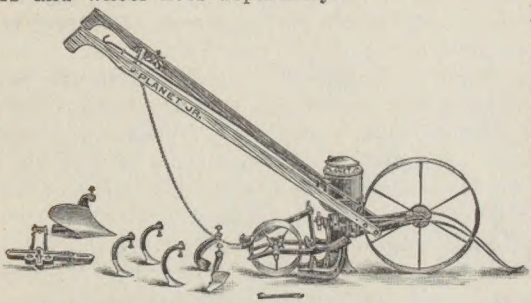
We offer these tools as the highest type of their class. They have a great variety of attachments which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.



No. 4 Planet Jr., Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow. This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow.



No. 25 Planet Jr. Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow. This new combined machine is intended for gardeners who have large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately.



No. 6 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow. What it will do: It drops all garden seed in hills and sows in drills, in a narrow line, to any exact depth required, covers, rolls down and marks the next row, all at one passage. As a wheel hoe, it hoes, cultivates and plows all garden crops, completing a row at every passage, up to 16 inches in width.

No. 11 Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake. The hoes are the most valuable of all the wheel hoe attachments; are oil tempered and polished. Use the 4-inch for 6, 10 or 12-inch rows; the 6-inch for rows 12 inches and upwards. The plows are invaluable; use them with points together for opening furrows for manure, seed, etc., then exchange sides for covering; use also for plowing from or towards crops, both sides at once.

No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow. Handles adjustable in height, frame is steel, convenient and strong with quick change device for exchanging tools without removing nuts.

The new Planet Jr. Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

Root Maggots

The Root Maggots are getting to be a terrible pest all over the country. They are very destructive to Cabbages, Cauliflowers, Rutabagas, Turnips, Kale and Radishes.

The fly, which looks like a small house fly, lays the eggs on the stem of the plants at the surface of the ground. These eggs soon hatch out and the small maggots work their way down into the roots, eating off the small rootlets, and then eating their way into the heart of the large center roots, soon spoiling the plant, which has already been weakened by loss of the small roots.

Fortunately for the gardener, this fly dislikes the smell of Coal Tar, Creosote or of Carbolic Acid, so that by frequent spraying of the plants with Carbolic or Creosote solutions or emulsions, properly diluted, the fly will keep away, and the maggots will not appear.

But to be effective, the sprayings must be repeated every few days or the smell will disappear, especially in rainy weather. Prevention is better than cure —and it is better to keep the fly away—but if the maggots do get into the plant roots, spraying will not kill them nor will it kill the eggs, unless we use a strong enough solution to kill the plants also.

After the maggots have appeared, we have to resort to pouring some of the above diluted liquid solutions or emulsions on the plants, so it will run down the stems into the roots, which will kill or drive out the maggots, provided we have not waited so long that the maggots have protected themselves by eating into the hearts of the large roots, or into the stems of the plants.

We have found the best and most effective solution is made by using the "Sanax Sheep Dip," a Creosote solution found at the Drug Stores, costing from $1 to $1.50 per gallon. This is diluted by adding 80 parts water to one part of Sanax.

There are other Sheep Dips that we have used, called "Zinoleum," "Carbolium," etc., but we find the "Sanax" the most satisfactory one we have tried.

For a few plants in the garden, it is easy to pour the solution on with a dipper, using about ¼ pint of the diluted solution on each plant. But where there is an acre or more to treat, it becomes quite laborious to carry so much weight of liquid, so for large fields, we use a barrel in a one-horse wagon. The wagon axel must be long enough to straddle two rows, so the horse can walk between the rows. A line of ¾-inch rubber hose, about 20 feet long comes from each side of the bottom of the barrel, with a 3-foot piece of ¾-inch iron pipe on the end of each hose. (See cut on second cover page opposite.)

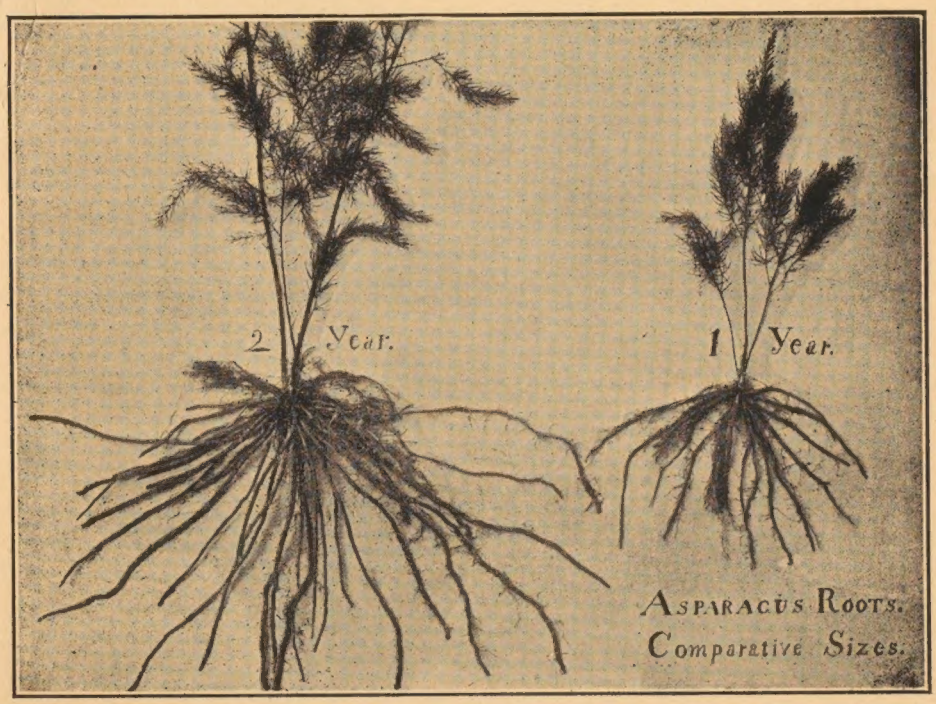
A boy drives the horse, a man at the end of each hose holds the pipe nozzel for a moment on each plant, for the liquid to run down each stem, each man taking a row, as the horse and wagon moves along. On the return trip, taking the alternate rows.

In this way. a horse, boy and two men can treat five acres in a day, using about two gallons of the "Sanax" and 160 gallons of water per acre.

If the first application does not entirely stop the work of the maggots, another application should be made in a week or ten days after the first one.

In this way we have been able to save whole fields of Cabbages from destruction.

Treating 15-Acre Cabbage Field for Maggots. (See page opposite).



CONOVER'S COLOSSAL. GROWN FROM SELECTED STOCK.

1 year roots, 25c per doz.; 75c per 50; $1.00 per 100.
2 year roots, 50c per doz.; $1.50 per 50; $2.50 per 100.
If by freight or express, at buyer's expense, one half the above prices.

Ripe Cabbage Seed in Pod
Grown in Puget Sound Seed Gardens.